

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/002613 A1

(51) International Patent Classification⁷: **A61K 38/10**,
38/17, A61P 37/02

(74) Agents: ABLETT, Graham, Keith et al.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1M 1FQ (GB).

(21) International Application Number:
PCT/GB2004/002909

(22) International Filing Date: 5 July 2004 (05.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0315754.2 4 July 2003 (04.07.2003) GB

(71) Applicants (for all designated States except US): **ABERDEEN UNIVERSITY** [GB/GB]; Research and Innovation, University Office, Kings College, Aberdeen AB24 3FX (GB). **THE COMMON SERVICES AGENCY FOR THE SCOTTISH HEALTH SERVICE** [GB/GB]; Trinity Party House, South Trinity Road, Edinburgh EH5 3SE (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **URBANIAK**, Stanislaw, Joseph [GB/GB]; 28 Ferryhill Place, Aberdeen AB11 7SE (GB). **BARKER**, Robert, Norman [GB/GB]; Courtin, Barthol Chapel, Inverurie AB51 8TD (GB). **SUKATI**, Hosea [SZ/GB]; Academic Transfusion Medicine Unit, Department of Medicine and Therapeutics, Regional Transfusion Centre, Foresterhill, Aberdeen AB9 2ZW (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2005/002613 A1

(54) Title: PHARMACEUTICAL COMPOSITIONS COMPRISING AN EPITOPE OF PLATELET GPIIIA PROTEIN

(57) Abstract: The present invention relates to a pharmaceutical composition for the prevention or management of a condition caused by exposure to an antithetical allele of a platelet by tolerisation, the composition comprising an immunologically effective platelet protein or peptide fragment thereof.